



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.9502

Job Sheet 166723-B



Part No: 646.9502

Job Qty: 1 ea

Part Name: 206A/B/L-Series Cable Cutter System, Low



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 10/16/17

Job Tracking No:

Due Date: 10/26/17

Created By: Victoria Michaud-Febrille

Type: Stock

Description:

Customer: L3 Army Fleet Support LLC (CARMY01)

Army Fleet Support Cairns Field Bldg 30300 Specker Street Fort Rucker, AL, 36362 USA ph:(334) 255-8373

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Due Date	Standard		Workcenter/Supplier	
				Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time
90	Start up Operation	1 Ea	10/26/17	0.00	0.00	Start up container	
110	Packaging	1 pcs	10/26/17	0.00	0.00	Packaging1	
120	QC	1 pcs	10/26/17	0.00	0.00	QC4	
125	DC	1 pcs	10/26/17	0.00	0.00	DC	
130	Packaging	1 pcs	10/26/17	0.00	0.00	Packaging3	
140	QC21-FG	1 Ea	10/26/17	0.00	0.00	QC21	

Part Op 125 - Photocopy bluefile & type labels per PPP 646.9502

Descriptions: 130 - Identify and pack for shipping as per PPP 646.9502 Location: FG101

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	600.0990 FMI13795.10	1 ✓	17	0	0
600-1012 exp. 03/2018	600.0991 SO10428	1 ✓	5	0	0
SO10379	600.1012 SO10379	1 ✓	11	0	0
SO21886	646.9601 SO22101	1 ✓	4	0	0
	646.9603	1 ✓	2	0	0
	646.9810 SO10378	1 ✓	2	0	0
600.0991	646.9910 SO10377	4 ✓	0	0	0
600.0990	647.0110 SO10376	1 ✓	2	0	0
exp 10/2018	647.0111 SO10375	1 ✓	19	0	0
	647.0112 SO10374	8 ✓	161	0	0
	647.0113 SO10372	2 ✓	34	0	0
	647.0114 SO10370	1 ✓	44	0	0
	647.0115 SO10367	1 ✓	39	0	0
	647.0116 SO10113	2 ✓	42	0	0
	647.0210 SO06265	1 ✓	1	0	0
	647.0310 SO10102	2 ✓	17	0	0
	647.0410 F159286	1 ✓	20	0	0
	647.1210 SO10098	1 ✓	21	0	0
	AN3-10A SO09585	8 ✓	38	0	0
	AN3-11A SO09584	8 ✓	77	0	0
	AN3-3A FMI138401.40	1 ✓	96	0	0
SO10619	AN743-13 SO07520	1 ✓	27	0	0
	CCR264SS-3-06 SO09526	8 ✓	207	0	0
	CCR264SS3-04 SO09504	12 ✓	57	0	0
	CCR264SS3-2 SO09454	4 ✓	100	0	0

Plex 10/16/17 10:29 AM dart.Michaud-Febrille.Victoria

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____

Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																		
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Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval																																		
Description Work Order Deviation		Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K64 1K7 CANADA TEL.: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com																																				
 S022106 206A/B/L - Series Cable Cutter System, Low PART NO: 646.9502 Revision: Start up Operation Operation: Mfg Date: 12/14/17 Change No: Job No: 166723-B		Completed By																																				
		Lead hand / Supervisor Approval Verification																																				
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OTHER : _____		☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence																																				

CR3212-4-4	5009430	1 ✓	390	0	0
CR3212-5-4	5009235	8 ✓	123	0	0
CR3213-4-05	5009228	26 ✓	294	0	0
CR3213-4-1	5009225	14 ✓	300	0	0
CR3213-4-2	5009223	18 ✓	343	0	0
CR3213-4-3	5009220	18 ✓	370	0	0
CR3213-4-4	5009214	19 ✓	250	0	0
CR3213-4-6	5009211	20 ✓	397	0	0
MS21042-08	5009205	54 ✓	0	0	0
MS21042-3	5009199	17 ✓	0	0	0
MS21047-3	5009197	6 ✓	233	0	0
MS21059-3	5009192	2 ✓	411	0	0
MS21059L08	5009190	4 ✓	62	0	0
MS24694-S8	5009187	5 ✓	185	0	0
MS27039-08-06	5008165	4 ✓	25	0	0
MS27039-08-09	5008161	4 ✓	148	0	0
MS27039-08-11	5008158	43 ✓	1,598	0	0
MS27039-08-12	5008156	2 ✓	696	0	0
MS27039-08-13	5008153	6 ✓	191	0	0
MS27039-1-08	5008147	5 ✓	515	0	0
MS27039-1-11	5008140	5 ✓	240	0	0
MS35842-11	5008138	1 ✓	39	0	0
NAS1149F0332P	5008136	62 ✓	3,231	0	0
NAS1149FN832P	5008133	111 ✓	4,525	0	0
NAS1835-08	5008131	4 ✓	149	0	0

Part Specifications

Specifications could not be found.

Plex 10/16/17 10:29 AM dart.Michaud-Febrille.Victoria

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER :					

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02736				SHEET 1 OF 1	
	DWG NO. 646.9500		REV: N/C	PREPARED BY S. HUFF	DATE: 01/06/10	EFFECT ON DWG ☐ INC. ☒ UNINC.
	DWG TITLE: 206 CABLE CUTTERS KIT					
	APPROVED BY:	ENGR. <i>[Signature]</i>	MFG. <i>[Signature]</i>	QC <i>[Signature]</i>	EFF:	CURRENT ORDER
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: CORRECTED PARTS LIST ERRORS					

REFERENCE ONLY

17	R	601.1607	62	62	WASHER	NAS1149F0332P	
16	R	601.2764	111	111	WASHER	NAS1149FN832P	
			9502	9501			
F/N	TC	PART NUMBER	QTY	DESCRIPTION		MATERIAL/SPECIFICATION	
DOCUMENTS EFFECTED:						CHANGE CATEGORY	DER REVIEW REQUIRED
☐ MDL ☒ INSTALL INSTRUC ☒ ICA ☐ FMS ☒ BOM						☐ MAJOR ☒ MINOR	☐ YES ☒ NO

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02729		SHEET 1 OF 3	
	DWG NO. 646.9500	REV: N/C	PREPARED BY S. HUFF	DATE: 12/23/09
	EFFECT ON DWG ☐ INC. ☒ UNINC.			
DWG TITLE: 206 CABLE CUTTERS KIT				
APPROVED BY: ENGR <i>[Signature]</i>		MEG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: HARDWARE REVISIONS FROM FIRST INSTALL		

REFERENCE ONLY

51	A	601.3155	8	8	BOLT	AN3-10A
50	A	601.3153	5	5	SCREW	MS24694S8
41	R	601.2893	43	43	SCREW	MS27039-0811
28	R	601.2973	54	54	LOCKNUT	MS21042-08
18	R	601.2826	8	8	BOLT	AN3-11A
16	R	601.2764	127	127	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED:						CHANGE CATEGORY
						DER REVIEW REQUIRED
						☐ MDL ☒ INSTALL INSTRUC ☒ ICA ☐ FMS ☒ BOM ☐ MAJOR ☒ MINOR ☐ YES ☒ NO

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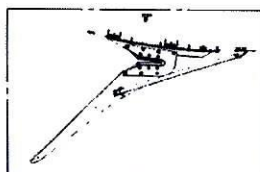
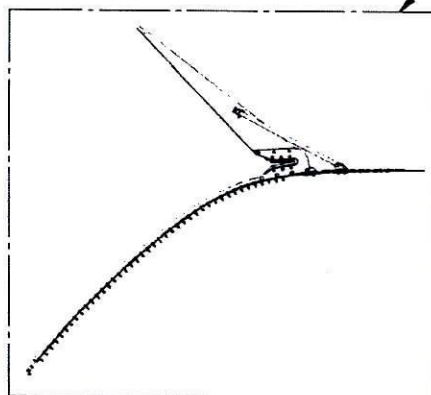
NOTES:

1 AFTER INSTALLATION, APPLY F/N 46 A/R TO FILL GAPS AND FILLET EDGES

UNINCORPORATED ECN(S)

02729, 02736, 03047

DETAIL A



DETAIL B

REFERENCE ONLY

QTY	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
1	1	49	601.1066 RIVET	CR3212-4-4	
1	1	48	600.0991 MAGHOBOND 6398 PART B		
1	1	47	600.0990 MAGHOBOND 6398 PART A		
1	1	46	600.1012 SEALANT	PR-1425 CLASS B	
5	5	45	601.1949 SCREW	MS27039-1-11	
2	2	44	601.2989 SCREW	MS27039-0812	
4	4	43	601.2987 SCREW	MS27039-0809	
4	4	42	601.3000 SCREW	MS27039-0806	

REV.	DESCRIPTION	DATE	APPROVED
LAST PROTOTYPE REVISION P02			ISC
FINAL RELEASE		06/03/04	P. BILLYD.

REV.	DESCRIPTION	DATE	APPROVED
LAST PROTOTYPE REVISION P02			ISC
FINAL RELEASE		06/03/04	P. BILLYD.

QTY	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
47	47	41	601.2893 SCREW	MS27039-0811	
1	1	40	601.2982 HOSE CLAMP	MS35842-11	
1	1	39	647.1210 SCREEN		
5	5	38	601.1621 SCREW	MS27039-1-08	
14	14	37	601.2979 RIVET	CR3213-4-1	
4	4	36	601.2984 INSERT	MS1835-08	
4	4	35	601.2277 RIVET	CCP2445-009	
8	8	34	601.2983 RIVET	CR3213-5-4	
12	12	33	601.2980 NUTPLATE RIVET	CCP2445-004	
1	1	32	601.2822 BOLT	AN3-3A	
1	1	31	601.2985 BRACKET	AN743-13	
2	2	30	601.1900 NUTPLATE	MS21039-3	
6	6	29	601.2988 SCREW	MS27039-0813	
53	53	28	601.2973 LOCKNUT	MS21042-08	
6	6	27	600.0795 NUTPLATE	MS21047-3	
18	18	26	601.0790 RIVET	CR3213-6-3	
18	18	25	601.1039 RIVET	CR3213-6-2	
19	19	24	601.1915 RIVET	CR3213-6-4	
20	20	23	601.2991 RIVET	CR3213-6-6	
26	26	22	601.1183 RIVET	CR3213-6-5	
4	4	21	601.2356 NUTPLATE	MS21099L08	
8	8	20	601.2981 NUTPLATE RIVET	CCP2445-306	
17	17	19	601.2943 LOCKNUT	MS21042-3	
16	16	18	601.2826 BOLT	AN3-11A	
46	46	17	601.1607 WASHER	MS21099L03P	
114	114	16	601.2764 WASHER	MS21099L03P	
1	1	15	647.0115 CLIP		
1	1	14	647.0114 CLIP		
1	1	13	647.0410 TUBE		
2	2	12	647.0116 DOUBLER		
1	1	11	647.0111 PANEL		
2	2	10	647.0113 STRUT DOUBLER		
8	8	9	647.0112 STRUT BRACKET		
4	4	8	646.9910 STRUT		
2	2	7	647.0310 CHANNEL		
1	1	6	647.0110 ROOF DOUBLER		
1	1	5	647.0210 RAIL		
1	1	4	646.9810 DEFLECTOR		
1	1	3	646.9603 LOWER CUTTER ASSY LOW		
1	1	2	646.9602 LOWER CUTTER ASSY HIGH		
1	1	1	646.9601 UPPER CUTTER ASSY		
			646.9502 206 CABLE CUTTERS KIT LOW		
			646.9501 206 CABLE CUTTERS KIT HIGH		

QTY	1002	1001	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
PARTS LIST							
NEXT ASSY (S) SPECIAL DATE DRAWN BY: P. BILLYD. CHECKED BY: P. BILLYD. APPROVAL: P. BILLYD. CONTRACT NO. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS ±.01 2 PLACE DECIMALS ±.005 ANGLES ±.5°							
APICAL INDUSTRIES 2808 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 206 CABLE CUTTERS KIT SCALE: NONE SHEET: 1 OF 3							